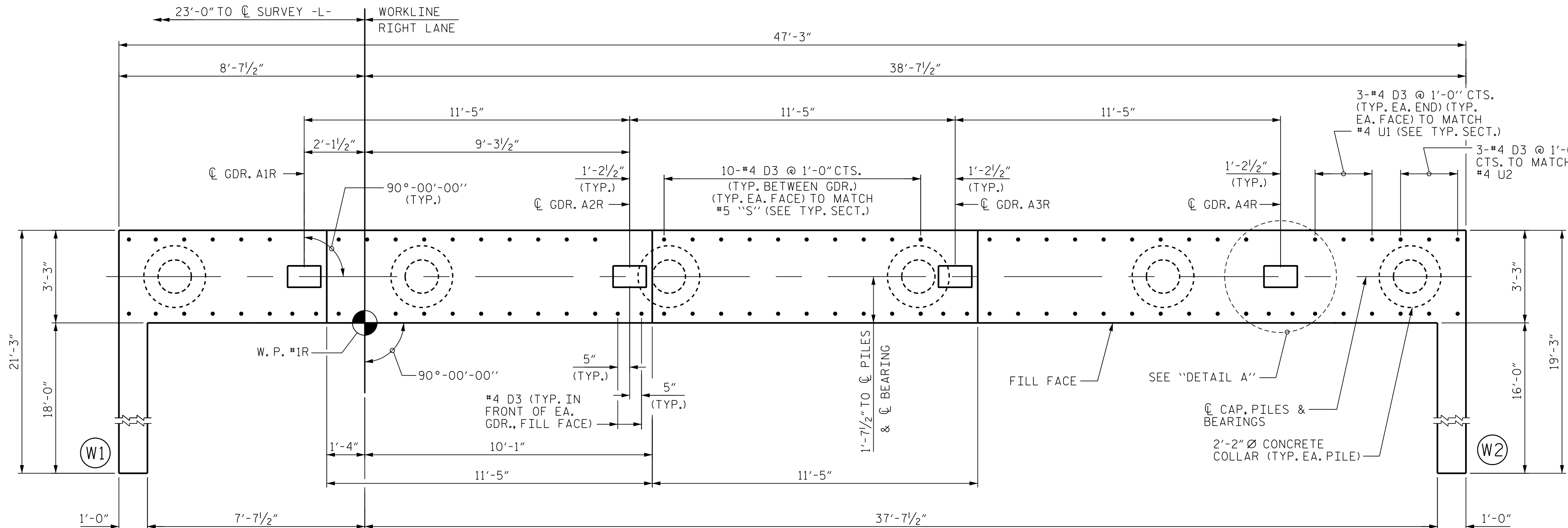
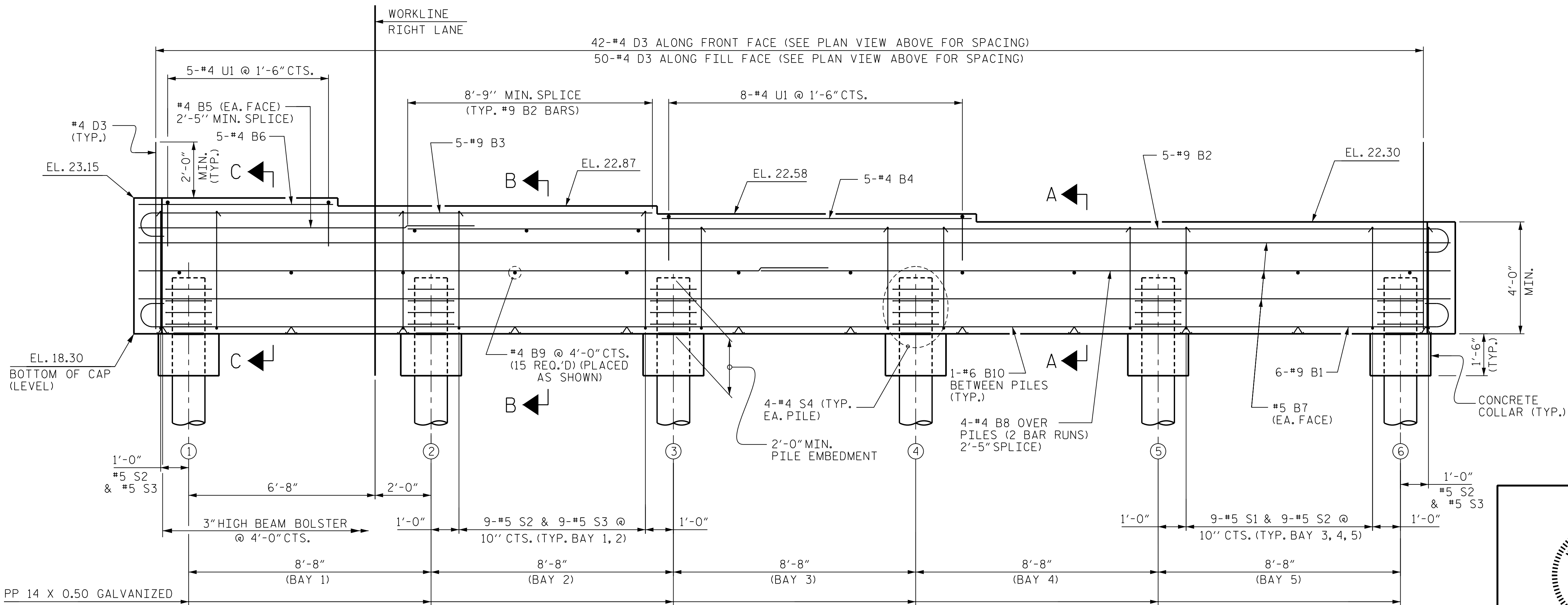


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PLAN



ELEVATION

NOTES

INSTALL THE 4" Ø DRAIN PIPE THROUGH THE WINGWALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WINGWALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

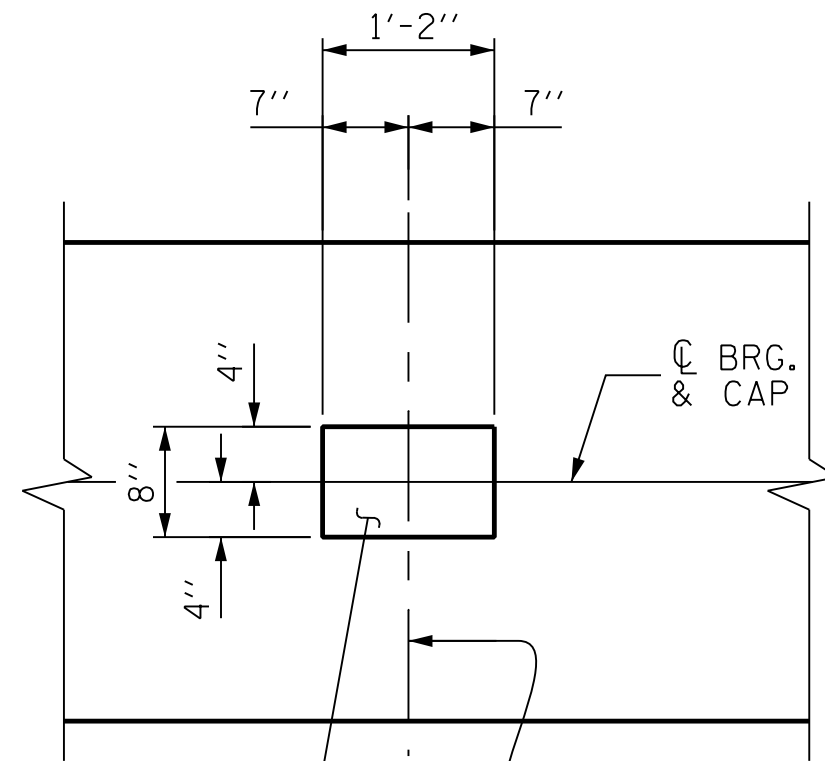
THE TOP SURFACE OF THE END BENT CAP AND WINGS, EXCEPT THE BEARING AREA, SHALL BE RAKED TO A DEPTH OF 1/4".

THE UPPER PORTION OF THE WINGS SHALL BE POURED WITH SUPERSTRUCTURE CONCRETE AND REINFORCING STEEL QUANTITIES ARE INCLUDED IN THE SUPERSTRUCTURE BILL OF MATERIAL. FOR DETAILS, SEE SUPERSTRUCTURE PLANS.

FOR SECTION A-A, B-B & C-C, SEE SHEET 3 OF 3.

FOR TEMPORARY DRAINAGE AT END BENT DETAIL, SEE SHEET 3 OF 3.

FOR STEEL PIPE PILE DETAILS AND REINFORCEMENT, SEE "14" STEEL PIPE PILE" SHEET.



MODIFIED TYPE II ELASTOMERIC BRG. PAD

DETAIL A

(DIMENSIONS ARE TYPICAL FOR EACH BEARING)

PROJECT NO. R-2514B

ONSLow COUNTY

STATION: 147+95.00 -L-

SHEET 1 OF 3



DocuSigned by:  
Robert F. Decola

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
INTEGRAL END BENT 1  
(RIGHT LANE)

DRAWN BY : J. MYA DATE : 12/13  
CHECKED BY : R. DECOLA DATE : 05/14  
DESIGN ENGINEER OF RECORD : R. DECOLA DATE : 10/14



The LOUIS BERGER GROUP, Inc.  
1001 Wade Avenue, Suite 400  
Raleigh, NC 27605-3322  
NC COA No. F-0840

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.  
S3-22  
TOTAL  
SHEETS  
34